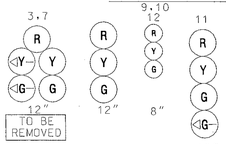
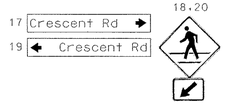
EXISTING SIGNALS



MD 201 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

EXISTING OPTICOM EYE

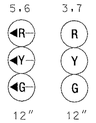
EXISTING SIGNS



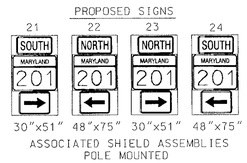
PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE REMOVAL OF THE EXISTING E/P PHASING FOR MD 201 AND THE INSTALLATION OF EXCLUSIVE PHASING FOR MD 201.

PROPOSED SIGNALS

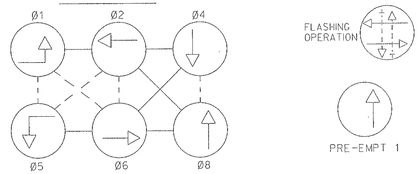


PROPOSED SIGNS



ASSOCIATED SHIELD ASSEMBLIES POLE MOUNTED

NEMA PHASING



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY

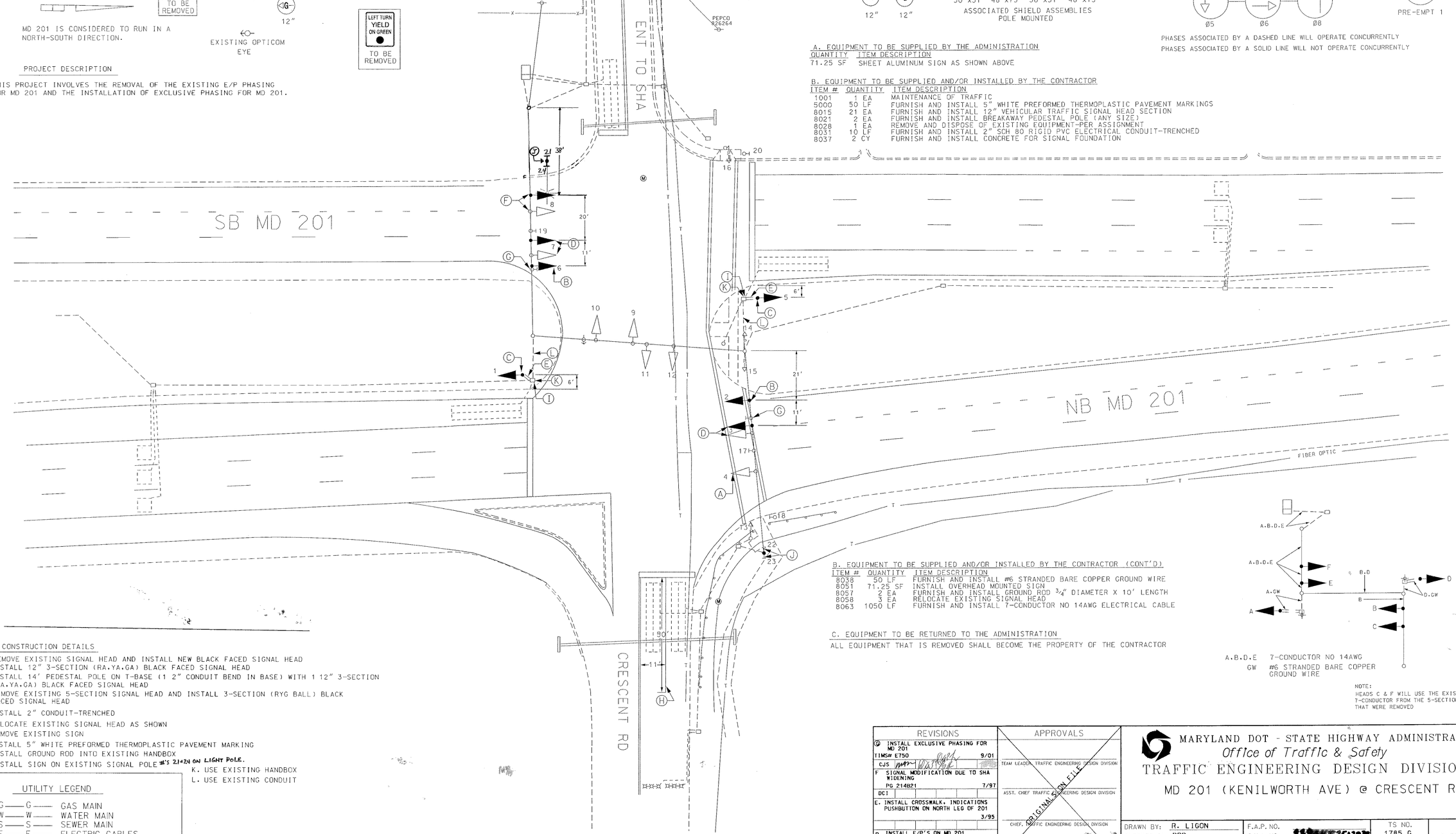
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

QUANTITY	ITEM DESCRIPTION
71.25 SF	SHEET ALUMINUM SIGN AS SHOWN ABOVE

B. EQUIPMENT TO BE SUPPLIED AND/OR INSTALLED BY THE CONTRACTOR

ITEM #	QUANTITY	ITEM DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
5000	50 LF	FURNISH AND INSTALL 5" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
8015	21 EA	FURNISH AND INSTALL 12" VEHICULAR TRAFFIC SIGNAL HEAD SECTION
8021	2 EA	FURNISH AND INSTALL BREAKAWAY PEDESTAL POLE (ANY SIZE)
8028	1 EA	REMOVE AND DISPOSE OF EXISTING EQUIPMENT-PER ASSIGNMENT
8031	10 LF	FURNISH AND INSTALL 2" SCH 80 RIGID PVC ELECTRICAL CONDUIT-TRENCHED
8037	2 CY	FURNISH AND INSTALL CONCRETE FOR SIGNAL FOUNDATION



B. EQUIPMENT TO BE SUPPLIED AND/OR INSTALLED BY THE CONTRACTOR (CONT'D)

ITEM #	QUANTITY	ITEM DESCRIPTION
8038	50 LF	FURNISH AND INSTALL #6 STRANDED BARE COPPER GROUND WIRE
8051	71.25 SF	INSTALL OVERHEAD MOUNTED SIGN
8057	2 EA	FURNISH AND INSTALL GROUND ROD 3/4" DIAMETER X 10' LENGTH
8058	3 EA	RELOCATE EXISTING SIGNAL HEAD
8063	1050 LF	FURNISH AND INSTALL 7-CONDUCTOR NO 14AWG ELECTRICAL CABLE

C. EQUIPMENT TO BE RETURNED TO THE ADMINISTRATION

ALL EQUIPMENT THAT IS REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR

A.B.D.E 7-CONDUCTOR NO 14AWG

GW #6 STRANDED BARE COPPER GROUND WIRE

NOTE:
HEADS C & F WILL USE THE EXISTING 7-CONDUCTOR FROM THE 5-SECTION HEADS THAT WERE REMOVED

CONSTRUCTION DETAILS

A. REMOVE EXISTING SIGNAL HEAD AND INSTALL NEW BLACK FACED SIGNAL HEAD
B. INSTALL 12" 3-SECTION (RA.YA.GA) BLACK FACED SIGNAL HEAD
C. INSTALL 14' PEDESTAL POLE ON T-BASE (1 2" CONDUIT BEND IN BASE) WITH 1 12" 3-SECTION (RA.YA.GA) BLACK FACED SIGNAL HEAD
D. REMOVE EXISTING 5-SECTION SIGNAL HEAD AND INSTALL 3-SECTION (RYG BALL) BLACK FACED SIGNAL HEAD
E. INSTALL 2" CONDUIT-TRENCHED
F. RELOCATE EXISTING SIGNAL HEAD AS SHOWN
G. REMOVE EXISTING SIGN
H. INSTALL 5" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING
I. INSTALL GROUND ROD INTO EXISTING HANDBOX
J. INSTALL SIGN ON EXISTING SIGNAL POLE #'S 21+24 ON LIGHT POLE.
K. USE EXISTING HANDBOX
L. USE EXISTING CONDUIT

UTILITY LEGEND

——G——G——	GAS MAIN
——W——W——	WATER MAIN
——S——S——	SEWER MAIN
——E——E——	ELECTRIC CABLES
——A——A——	AERIAL CABLES
——T——T——	TELEPHONE CABLES

REVISIONS

G INSTALL EXCLUSIVE PHASING FOR MD 201 TIMS# E750	9/01
CJS	
F SIGNAL MODIFICATION DUE TO SHA WIDENING PG 214821	7/97
DCI	
E. INSTALL CROSSWALK, INDICATIONS PUSHBUTTON ON NORTH LEG OF 201	3/95
D. INSTALL E/P'S ON MD 201	6/82

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, TRAFFIC & SAFETY

ORIGINAL SIGN FILE

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 201 (KENILWORTH AVE) @ CRESCENT RD

DRAWN BY:	R. LIGON	F.A.P. NO.	~~ES-NFF250L2R~~	TS NO.	SHEET NO.
CHECKED BY:	DBD	S.H.A. NO.		1785 G	
SCALE:	1:20	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO.	
DATE:	JULY 1980	LOG MILE:	16020107.37	N/A	1 OF 1